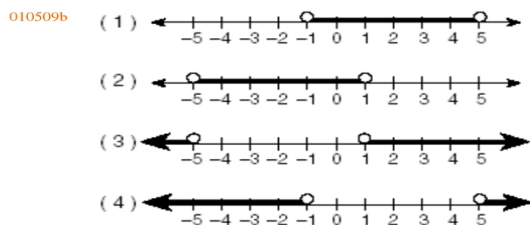
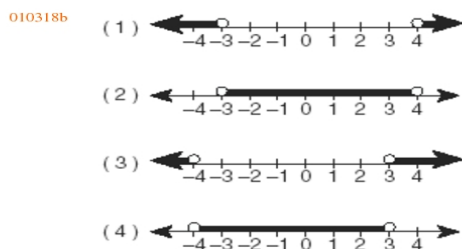


Name: _____

1 Which graph represents the solution set of the inequality $x^2 - 4x - 5 < 0$?



2 Which graph represents the solution set of $x^2 - x - 12 < 0$?



3 What is the solution of the inequality $x^2 - x - 6 < 0$?

- 010904b
- (1) $-3 < x < -2$ (3) $1 < x < 6$
(2) $-2 < x < 3$ (4) $-3 < x < 2$

4 What is the solution set of the inequality $x^2 + 4x - 5 < 0$?

- 080713b
- (1) $\{x \mid x < -1 \text{ or } x > 5\}$ (3) $\{x \mid -1 < x < 5\}$
(2) $\{x \mid x < -5 \text{ or } x > 1\}$ (4) $\{x \mid -5 < x < 1\}$

5 When a baseball is hit by a batter, the height of the ball, $h(t)$, at time t , $t \geq 0$, is determined by the equation $h(t) = -16t^2 + 64t + 4$. For which interval of time is the height of the ball greater than or equal to 52 feet?

010231b